

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. A method for batching articles having different weights into a plurality of batches at a number of collection positions, wherein each completed batch comprises a plurality of articles and has a sum weight within a predetermined weight range, said method comprising the steps of including:

providing a serial flow of articles on a conveyor;
weighing each article in the flow and recording the weights of the articles;
conveying the recorded articles to a batching section;
allocating the recorded articles to a collection position within a predetermined decision time period;
placing an allocated article in the predetermined collection position; and
emptying a collection position when the predetermined sum weight is obtained;
whereby the step of allocating~~said allocation~~ is performed on the basis of the weight of the recorded articles that are not yet positioned in one of the collection positions, and a[[the]] content of the predetermined collection position.

2. A method according to claim 1, ~~wherein~~where the predetermined decision time is set by means of transport of the article from the start of the batching section to the predetermined~~selected~~ collection position.

3. A method according to claim 1[[or 2]], including the step of

establishing a historical frequency distribution on the basis of the recordings of the articles, wherein the step of allocating is performed based on the ~~and using this~~ historical frequency distribution ~~in the allocation of recorded articles.~~

4. A method according to claim 1 ~~any of claims 1 to 3~~, whereby predetermined sets of batching parameters are defined for each batch and on which the allocation of articles is based, said predetermined sets of parameters comprising: ~~include the following parameters:~~

- [[-]] a batch target sum weight;
- [[-]] an acceptable batch overweight; and
- [[-]] an acceptable batch underweight.

5. A method according to claim 4, whereby said predetermined sets of parameters further include at least one of ~~some or all of the following parameters~~

- [[-]] a maximum article weight,
- [[-]] a minimum article weight,
- [[-]] a maximum number of articles, and
- [[-]] a minimum number of articles.

6. A method according to claim 1 ~~any of claims 1 to 5~~, wherein each article comprises ~~consists of~~ one or more articles.

7. A method according to claim 6, wherein said articles are food articles.

8. A method according to claim 1 ~~any of claims 1 to 7~~, wherein each of the collection positions are provided with a bin, preferably that ~~which~~ is subdivided into a first collection bin and a second collection bin ~~two collection bins~~, and further wherein ~~that~~

~~an~~ the allocated article ~~is~~may be directed to one of the first collection bin and the second collection bin~~two collection bins~~ in response to the allocation of the recorded articles.

9. A method according to claim 1~~any of claims 1 to 8~~, wherein the articles are provided in a continuous flow through a~~the~~ weighing section and the batching section.

10. An apparatus for batching articles having different weights into a plurality of batches at a number of collection positions, wherein each completed batch comprises a plurality of articles and has a sum weight within a predetermined weight range; said apparatus comprising:

weighing means for recording the weight of the articles;

means for conveying articles provided thereon in series, said articles being conveyed through the weighing means and into a batching section;

computing means for allocating the recorded articles to a collection position within a predetermined decision time period; said allocation is performed on the basis of the weight of the recorded articles that are not yet placed in one of the collection positions, and a~~the~~ content of the predetermined collection position;

deflection means for directing each of the articles into the predetermined collection position in response to a computed allocation; and

means for emptying a collection position when the predetermined sum weight is obtained.

11. An apparatus according to claim 10, wherein said means for conveying articles includes an initial flow section having~~on the~~

~~conveyor means, where no collection positions [[are]]arranged
along side itthe conveyor means.~~

12. Canceled.